

Presentation: Basic Image: SmallFrançais

3 of 5

[View Images](#)

PUBLISHED INTERNATIONAL APPLICATION

(11) **WO 98/40499** (13) A1
(21) PCT/US97/03421
(22) **10 March 1997 (10.03.1997)**
(25) ENG (26) ENG
(43) 17 September 1998 (17.09.1998)
(51)⁶ C12N 15/63, A01N 43/04, A61K 31/70
(54) GENE DELIVERY TO MUCOSAL EPITHELIUM FOR IMMUNIZATION OR THERAPEUTIC PURPOSES
(71) **DAVIS, Heather, Lynn** 33 Willard Street, Ottawa, Ontario K1S 1T4 ; (CA).
(72) [CA/CA]. **JESSEE, Joel** 4139 Old National Pike, Mount Airy, MD 21771 ; (US). [US/US]. **GBEYEYEHU, Gulilat** 9512 Hale Place, Silver Spring, MD 20910 ; (US). [US/US].
(74) **ESMOND, Robert, W.** Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 ; (US).
(81) AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU ; AP (GH, KE, LS, MW, SD, SZ, UG); EA (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM); EP (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE); OA (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG)

No Image Available.

Abstract

Disclosed are compositions and method for transfecting mammalian mucosal epithelia with nucleic acid/cationic lipid complexes. The nucleic acid/cationic lipid complexes may be administered, for example, intranasally or directly into the lungs. The best results are obtained when the lipid mixed with the maximum amount of DNA that it can complex.

Presentation: Basic Image: SmallFrançais

3 of 5